

Figure 1

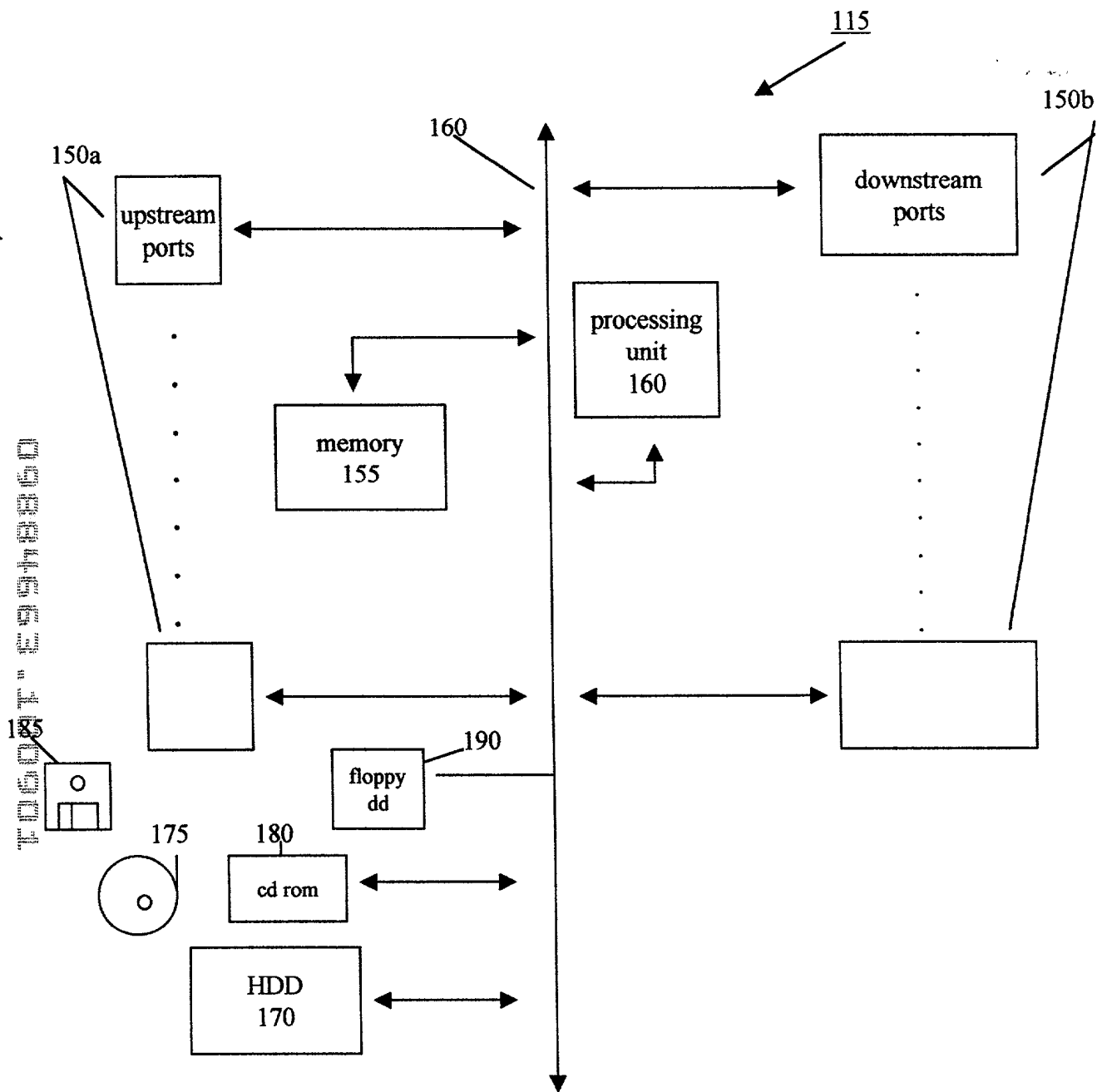


Figure 1A

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graph TD
    Start([start]) --> Receive[receive]
    Receive --> DP{data packet?}
    DP -- yes --> IO{in order}
    DP -- no --> ISACK{IS ACK A DUPAK?}
    ISACK -- yes --> RI[retromiont intervening packets]
    RI --> ISACK
    ISACK -- no --> FACK[forward ACK to content source]
    FACK --> Receive
    IO -- yes --> S245[store]
    S245 --> S248[send to MS]
    S248 --> Receive
    IO -- no --> H250{higher?}
    H250 -- no --> RL{radio links down?}
    RL -- yes --> B270[block]
    B270 --> Receive
    RL -- no --> H275{higher ACK received from MS?}
    H275 -- no --> F285[forward to mobile station]
    F285 --> Receive
    H275 -- yes --> R280[retransmit higher ACK]
    R280 --> Receive
    H250 -- yes --> S255[store]
    S255 --> S260[send ACK to content Sewer]
    S260 --> Receive

```

Figure 2

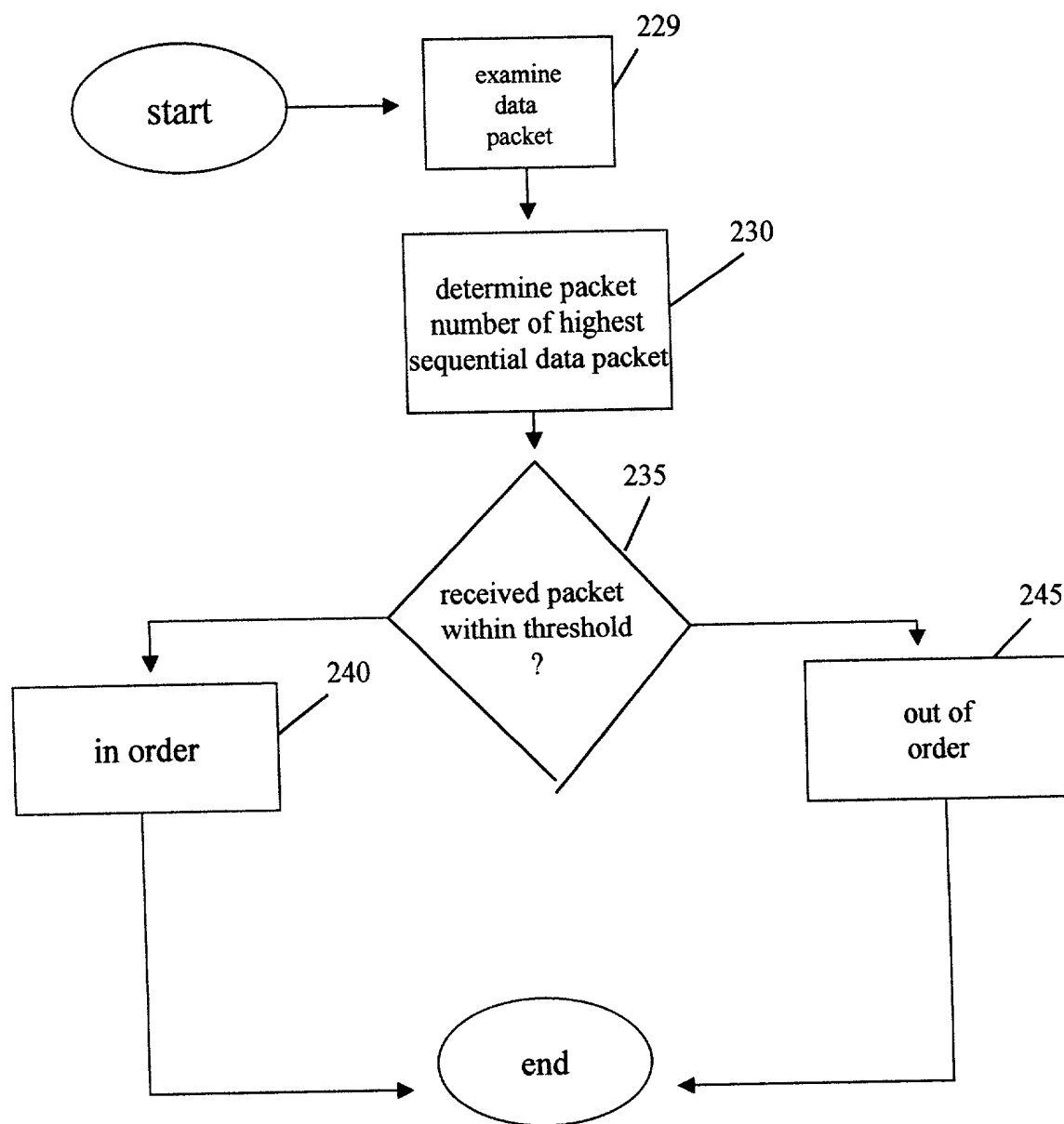


Figure 2A

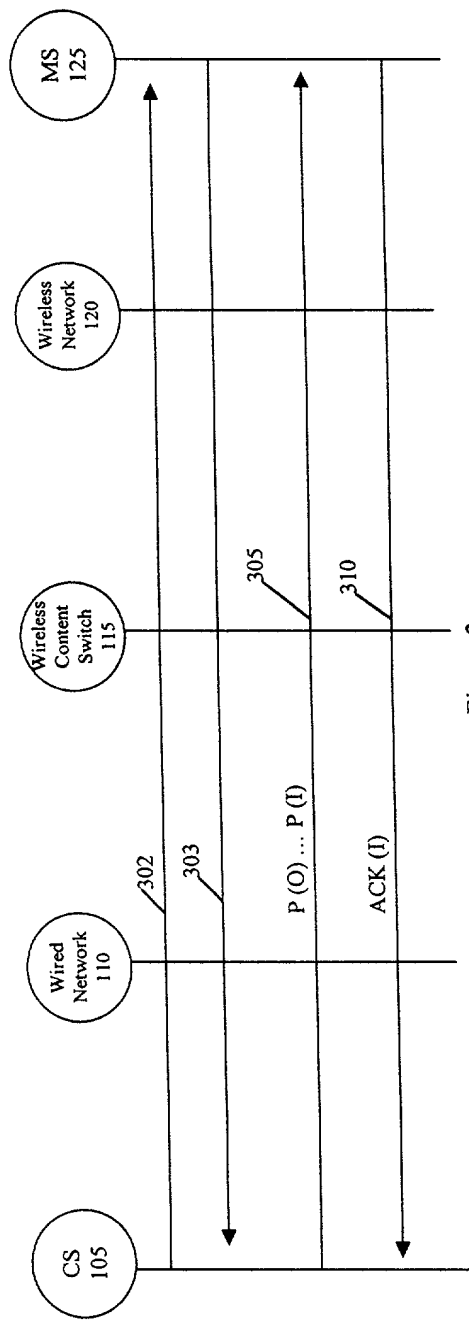


Figure 3

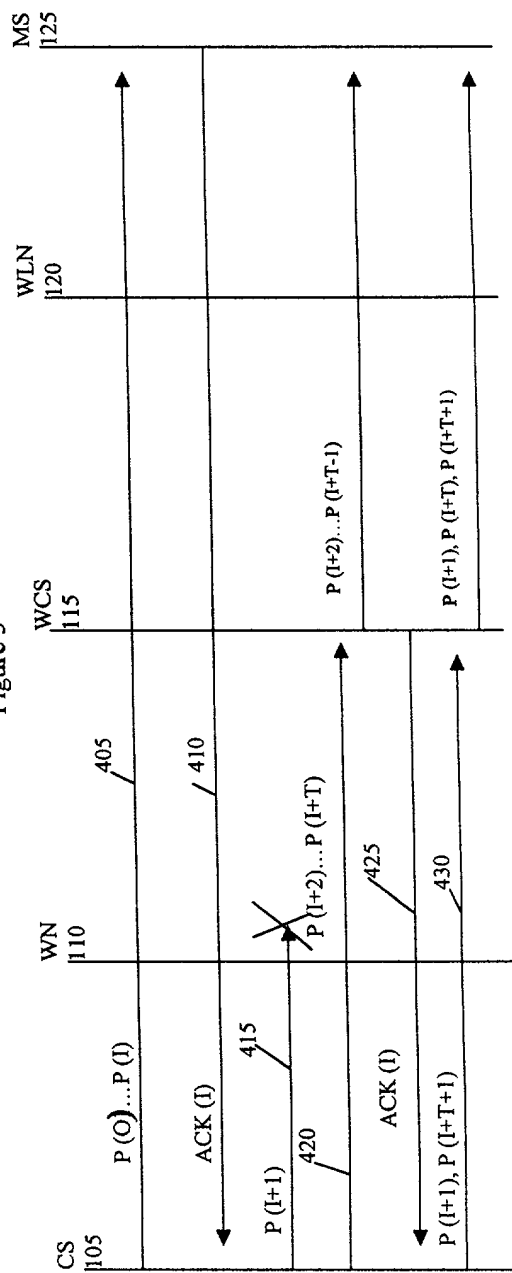


Figure 4

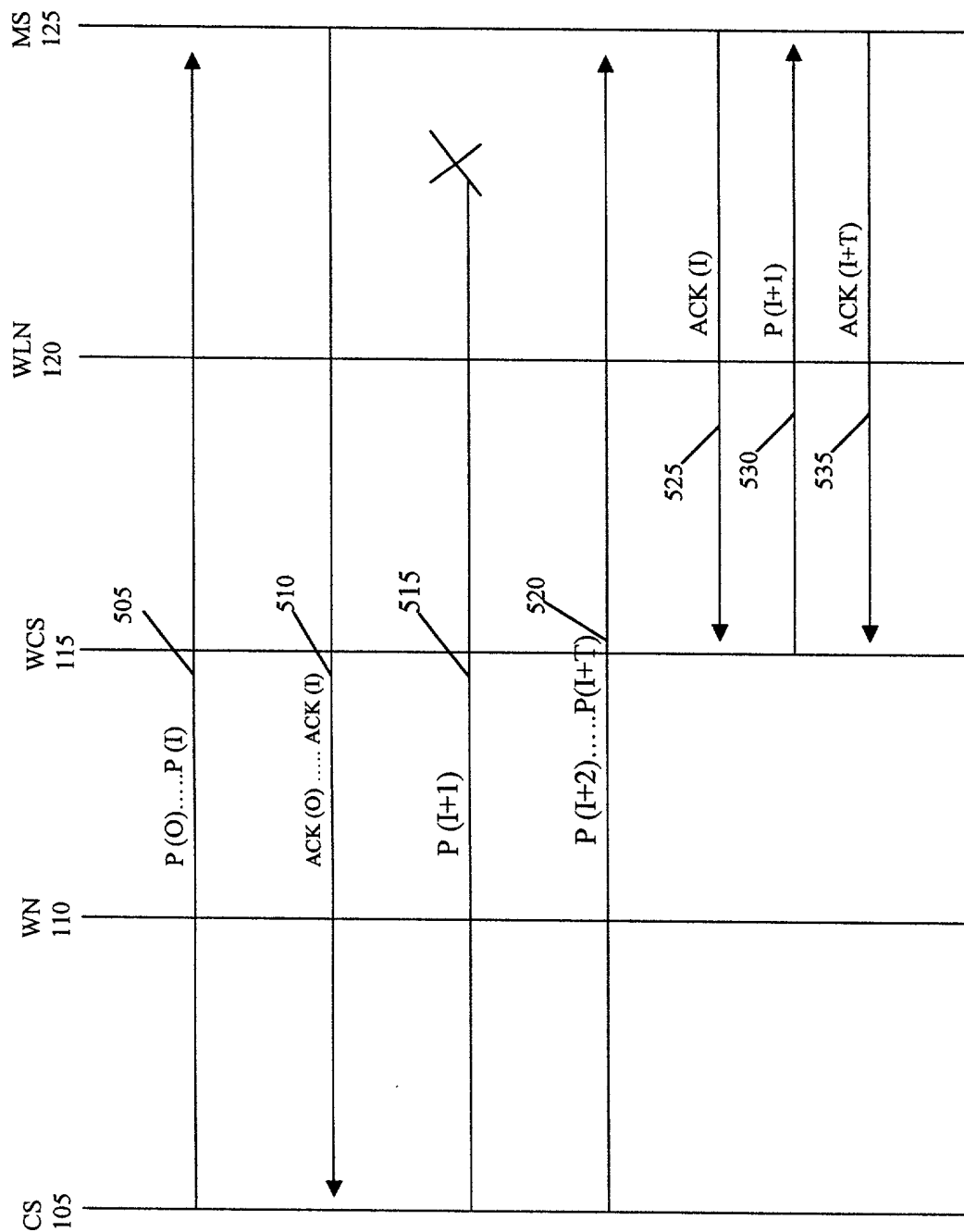


Figure 5

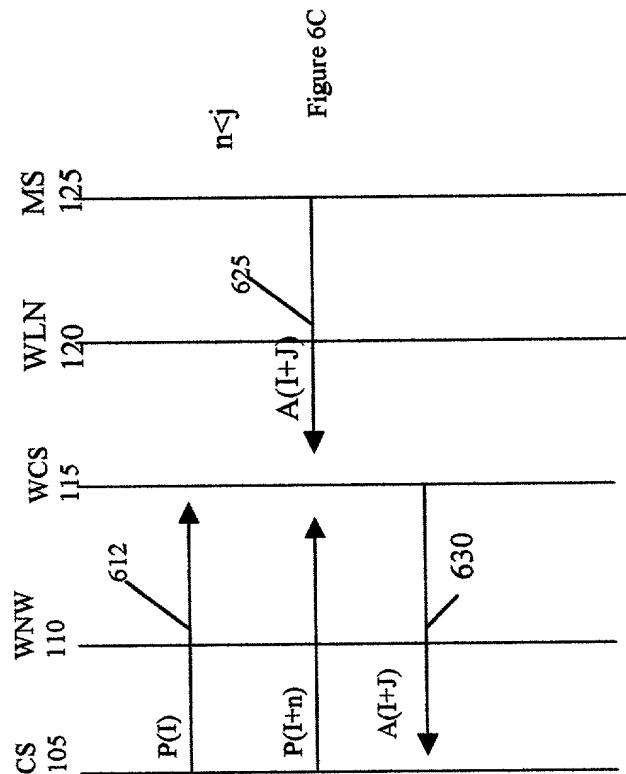


Figure 6

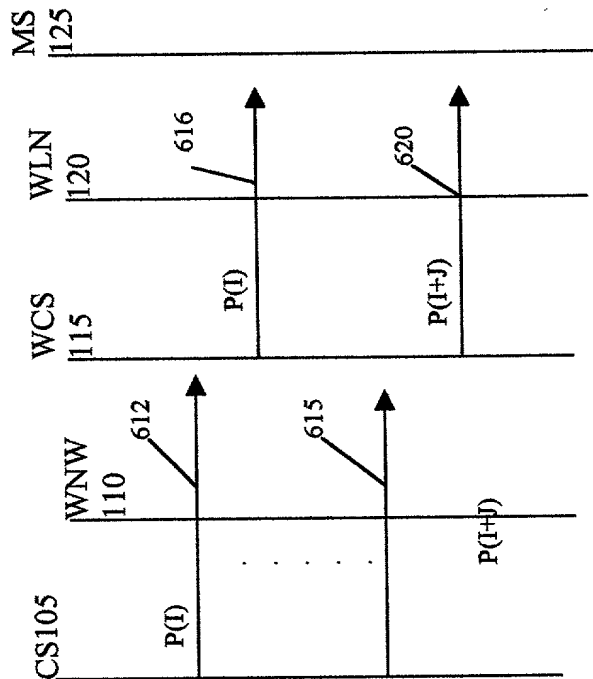
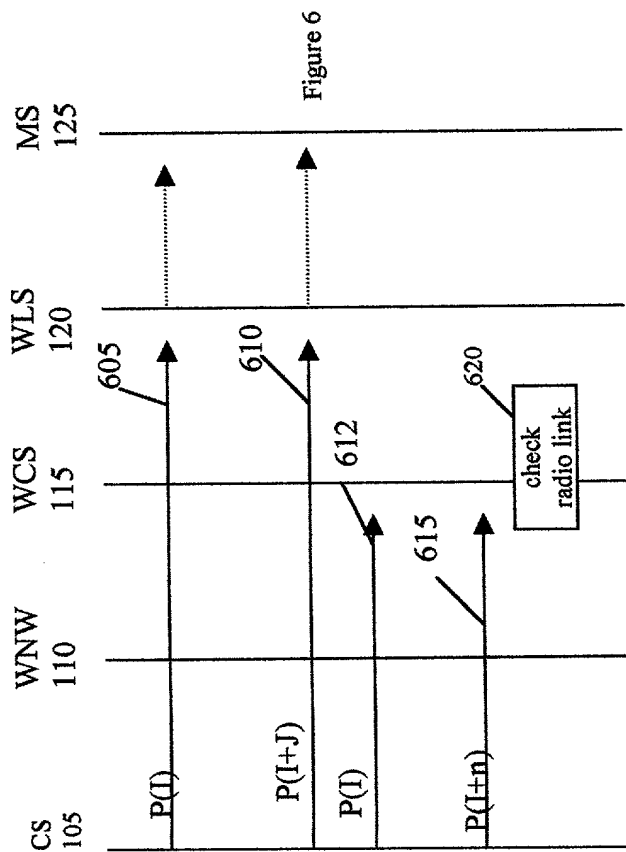


Figure 6B

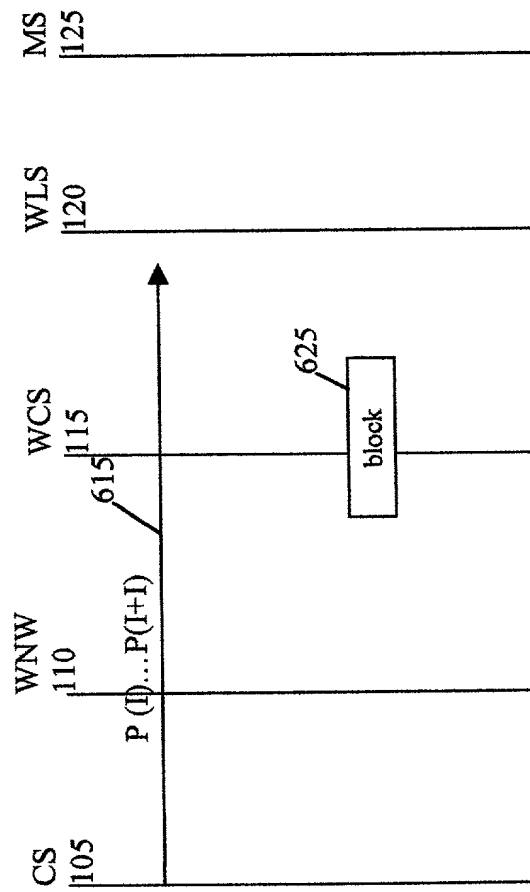


Figure 6A